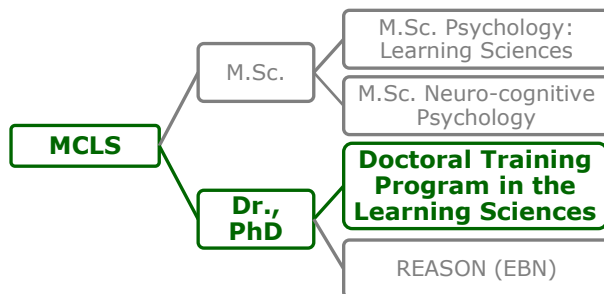


## Guide to the Doctoral Training Program in the Learning Sciences

<http://www.en.mcls.lmu.de/aboutus/>



The Munich Center of the Learning Sciences is the institutional platform at the LMU Munich advancing interdisciplinary research on the conditions, processes, and outcomes of learning, and simultaneously offering the best possible research-based education and research training in the Learning Sciences.

### About the program

The Doctoral Training Program (DTP) is the central training component of the Munich Center of the Learning Sciences.

The general structure of doctoral programs involves course participation and individual research culminating in a dissertation. The degrees obtained at the end of a doctoral program can however differ. There are two degree options available within the DTP:

#### Doctoral Degree

Title awarded: Dr. phil, Dr. rer. nat. or Dr. med.  
Conditions for completion: Dissertation and Defence

#### Postgraduate Academic Degree

Title awarded: PhD  
Conditions for completion: 180 ECTS Points

For both degree options the study period is three years and the language of instruction is English. The program curriculum consists of:

**Research methodology courses** (advanced statistical procedures, alternative software courses)

**Key qualification courses** (self-management, academic writing and presenting, ethics in research)

**Content related courses** (introductory and advanced approaches to the learning sciences, field specific particularities – biology, languages, mathematics)

**Interdisciplinary research colloquia** (study accompanying courses for individual feedback)

### Application Documents

#### 1. Curriculum vitae with up-to-date information

**2. Letter of motivation** (guidelines available on the program webpage; one page)

**3. Research Proposal** (guidelines available on the program webpage; 500 words)

**4. A certified copy of the Master's certificate** and of the Transcript of Records. Applicants who have not yet finished their Master's studies are required to upload a letter from their university, confirming the expected date of graduation.

**5. One recommendation letter** (e.g., issued by a previous professor)

**6. Supervisor Agreement signed by a MCLS professor.** One particular requirement for acceptance is that one of the dissertation supervisors is an MCLS member. Prospective students should take the following steps:

- Check the research fields of the MCLS professors and find a topic that is relevant to your academic interests (Please see the MCLS Expertise Teams section)
- Formulate a scientific research proposal
- Contact the corresponding professor and discuss with him/her your proposed research ideas
- If the professor agrees to supervise your research, ask him/her for a supervisory confirmation. This needs to be uploaded in the online tool directly by your supervisor.

**7. Proof of English proficiency** in the form of an acknowledged language test certificate, such as the TOEFL or IELTS. The result should be the equivalent of at least level B2 according to the Common European Framework of Reference for Languages: Learning, Teaching, and Assessment. Previous professional experience in English is also considered as proof of language proficiency (supporting document has to be provided)

## Application Deadlines

Documents are submitted via the **Online Application Tool**, which will be available starting Mid- **January**.

The deadline for uploading all documents is **March 1<sup>st</sup>**.

## Preliminary Timeframe

MCLS Supervisory agreement	<b>Prior to the application phase</b>
First application round (document submissions)	<b>January - March,1</b>
Second application round (interviews)	<b>April/May</b>
Beginning of academic year	<b>October</b>

## The MCLS Expertise Teams

### Neuro-Cognitive Mechanisms of Adaptive Control and Plasticity

Speakers: Prof. Dr. Müller, Prof. Dr. Deubel and Prof. Dr. Leibold

### Statistical Methods for Measuring Learning & Change

Speakers: Prof. Dr. Bühner, Prof. Dr. Heene,, Prof. Dr. Küchenhoff, Prof. Dr. Tutz

### Behavioral, Affective and Cognitive Dysfunctions: Development and Intervention

Speakers: Prof. Dr. Zihl and Prof. Dr. Almeida

### Organizational Learning & Learning Social Systems

Speakers: Prof. Dr. Tippelt, Prof. Dr. Brodbeck, Prof. Dr. Frey and Prof. Dr. Wößmann

### Technology-Enhanced Learning and Collaboration

Speakers: Prof. Dr. F. Fischer, Prof. Dr. Brodbeck and Prof. Dr. Hußmann

### Effective instruction

Speakers: Prof. Dr. M. Fischer , Prof. Dr. Neuhaus and Prof. Dr. Ufer

### Emotion, Cognition, and Learning

Speakers: Prof. Dr. Pekrun, Prof. Dr. Maier and Prof. Dr. Frenzel

### Conceptual Development and Conceptual Change

Speakers: Prof. Dr. Sodian and Prof. Dr. Neuhaus

## Doctoral Training Program in the Learning Sciences

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**We are looking forward to your application!**